

Synthesis (a personal attempt)



GOAL

Reduce/further
control noise in
the oceans

What noise? – priority is
loud low frequency

Main sources 'big
tickets' are military,
seismic and shipping

John Hildebrand

Why? – effect on marine
mammals (others?)

Uncertainty on which
precisely, vary with
noise/location

Peter Tyack

How important? – many
views – cultural diversity
(note culture does not
equal national)

Need to converge?

This is important as any
action will cost resources

Difficulties

Not an “issue” (or rarely considered)

Legislation/treaties (few, none focussed)

Transboundary

Many users, with differing priorities

Considered by the seven case studies

Opportunities

Some users well aware

- Military (have technology)
- Seismic (guidelines)
- Shipping (awakening, but with parallels

Pollution treaties

Nature Conservation legislation / treaties

Considered by the seven case studies
and Lindy Johnson

How to tackle?

Mitigation

Education

Source users

Legal framework



How to tackle?

Mitigation

Some techniques work, geographical/temporal shifts seem best

Improve/ develop /better understand techniques

Transfer knowledge – between sectors & geographically

How to tackle?

Education

Widest sense

Careful crafting, culturally sensitive

Main aim is to get issue debated and up agenda

Societal input essential

Critical events very useful

Elena McCarthy

Group 1B

How to tackle?

Work with source users

Military

Largely there, maybe greater transparency

Seismic

Global guidelines? – open for comments?

Encourage further mitigation

Shipping

Challenge industry and ship-designers

Most groups

How to tackle?

Legal framework

Environmental Assessment Karl Fuller

Difficulties on 'correct' scale + transboundary

Embedded in EA is Risk Assessment John Harwood

Need greater understanding, add 'novel' techniques

Acceptable risk is a cultural choice

New treaty not widely seen as good way forward

Prescriptive or Performance

Most groups

Ways forward

Many treaties available

United Nations Informal Consultative Process on the Law of the Sea

Research – bottom up and top down balance

Parallels with global warming – should we learn?

Have to respect cultural choice

Most groups